

Certificate of Analysis

Product Name:	Huperzine-A / Huperzine-A Extract	Batch Number:	Varies
Botanical Name / Cas No.:	Lycopodium serratum Thunb. / 102518-79-6	Manufacture Date:	Varies
Used part / Molecular Formula:	Whole herb / C ₁₅ H ₁₈ N ₂ O	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (HPLC)		1%	1.02 - 1.24%
Physical	Appearance	Brown yellow / White powder	Complies
	Odor & Taste	Characteristic	Complies
	Particle size	100% pass 80 mesh	Complies
	Loss on drying	≤ 5%	0.92 - 3.20%
	Ash	≤ 1 - 5%	0.22 - 3.15%
Chemical	Heavy Metals	≤ 10 ppm	Complies
	Lead (Pb)	≤ 2 ppm	Complies
	Arsenic (As)	≤ 2 ppm	Complies
	Cadmium (Cd)	≤ 2 ppm	Complies
	Mercury (Hg)	≤ 0.5 - 1 ppm	Complies
Microbial	Total plate count	≤ 1000 - 3000 cfu/g	Complies
	Yeast & mold	≤ 100 cfu/g	Complies
	E.coli, Salmonella, Staphylococcus	Negative	Complies

Else	Storage condition	Sealed, kept in shady and dry place
Etse	Shelf life	Two years

